

SHORT-TERM INDIANA OCCUPATIONAL PROJECTIONS
BASE PERIOD: 2005 First Quarter
PROJECTED PERIOD: 2007 First Quarter
AREA: Economic Growth Region 02

All data rounded to nearest 10, Occupations with less than 20 excluded

Code	Occupational Title	1st Quarter 2005 Employment	1st Quarter 2007 Projection	Two Year Change	Percent Change	Replacements ¹	Total Openings	2004 Annual Wage ²	Education Requirement ³
00-0000	Total, All Occupations	320,600	324,470	3,870	1%	15,910	21,250	\$32,924	NA
11-0000	Management Occupations	14,920	15,250	330	2%	500	830	\$78,784	NA
11-1000	Top Executives	5,540	5,640	90	2%	180	280	NA	NA
11-1011	Chief Executives	1,170	1,190	20	2%	40	60	\$143,561	Work experience plus bachelor's or higher degree
11-1021	General and Operations Managers	4,270	4,350	80	2%	140	220	\$89,083	Work experience plus bachelor's or higher degree
11-1031	Legislators	100	100	0	-4%	0	0	\$18,577	NA
11-2000	Advertising, Marketing, Promotions, Public Relations, and Sales Managers	1,030	1,060	30	3%	40	60	NA	NA
11-2011	Advertising and Promotions Managers	80	80	0	-1%	0	0	\$61,021	Work experience plus bachelor's or higher degree
11-2021	Marketing Managers	290	300	10	3%	10	20	\$81,963	Work experience plus bachelor's or higher degree
11-2022	Sales Managers	600	610	20	3%	20	40	\$90,834	Work experience plus bachelor's or higher degree
11-2031	Public Relations Managers	70	70	0	1%	0	0	\$55,220	Work experience plus bachelor's or higher degree
11-3000	Operations Specialties Managers	3,220	3,270	40	1%	100	150	NA	NA
11-3011	Administrative Services Managers	340	340	0	1%	10	10	\$52,843	Work experience plus bachelor's or higher degree
11-3021	Computer and Information Systems Managers	410	420	10	3%	10	20	\$76,752	Work experience plus bachelor's or higher degree
11-3031	Financial Managers	750	760	10	1%	20	30	\$79,061	Work experience plus bachelor's or higher degree
11-3040	Human Resources Managers	280	280	10	2%	10	10	NA	NA
11-3051	Industrial Production Managers	950	960	10	1%	30	40	\$67,760	Bachelor's degree
11-3061	Purchasing Managers	350	350	0	0%	10	10	\$68,809	Work experience plus bachelor's or higher degree
11-3071	Transportation, Storage, and Distribution Managers	150	160	10	5%	10	10	\$61,875	Work experience in a related occupation
11-9000	Other Management Occupations	5,120	5,280	160	3%	180	340	NA	NA
11-9011	Farm, Ranch, and Other Agricultural Managers	170	170	10	3%	10	10	NA	Work experience plus bachelor's or higher degree
11-9021	Construction Managers	670	690	20	3%	20	40	\$80,148	Bachelor's degree
11-9031	Education Administrators, Preschool and Child Care Center/Program	70	70	0	0%	0	0	\$46,201	Work experience plus bachelor's or higher degree
11-9032	Education Administrators, Elementary and Secondary School	380	390	20	4%	20	30	\$73,447	Work experience plus bachelor's or higher degree
11-9033	Education Administrators, Postsecondary	290	300	20	5%	10	30	\$57,955	Work experience plus bachelor's or higher degree
11-9039	Education Administrators, All Other	30	30	0	7%	0	0	NA	NA
11-9041	Engineering Managers	750	770	20	2%	30	40	\$76,909	Work experience plus bachelor's or higher degree
11-9051	Food Service Managers	640	660	20	3%	20	40	\$38,160	Work experience in a related occupation
11-9061	Funeral Directors	90	90	0	2%	10	10	\$49,364	Associate degree
11-9081	Lodging Managers	50	50	0	-2%	0	0	\$42,537	Work experience in a related occupation
11-9111	Medical and Health Services Managers	510	540	30	6%	20	50	\$66,122	Work experience plus bachelor's or higher degree
11-9121	Natural Sciences Managers	20	20	0	9%	0	0	\$75,195	Work experience plus bachelor's or higher degree
11-9131	Postmasters and Mail Superintendents	50	50	0	2%	0	0	\$52,740	Work experience in a related occupation
11-9141	Property, Real Estate, and Community Association Managers	530	560	30	5%	20	50	\$38,925	Bachelor's degree
11-9151	Social and Community Service Managers	220	220	10	4%	10	20	\$39,458	Bachelor's degree
11-9199	Managers, All Other	670	670	0	0%	20	20	\$64,136	Work experience in a related occupation
13-0000	Business and Financial Operations Occupations	8,910	9,160	250	3%	300	560	\$49,443	NA
13-1000	Business Operations Specialists	5,260	5,430	160	3%	180	350	NA	NA
13-1011	Agents and Business Managers of Artists, Performers, and Athletes	40	40	0	5%	0	0	NA	Work experience plus bachelor's or higher degree
13-1021	Purchasing Agents and Buyers, Farm Products	40	40	0	2%	0	0	\$45,781	Work experience in a related occupation
13-1022	Wholesale and Retail Buyers, Except Farm Products	290	290	0	0%	20	20	\$37,479	Bachelor's degree
13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm Products	1,140	1,170	20	2%	50	80	\$48,834	Bachelor's degree
13-1031	Claims Adjusters, Examiners, and Investigators	140	140	0	1%	0	0	\$36,938	Long-term on-the-job training
13-1032	Insurance Appraisers, Auto Damage	20	20	0	0%	0	0	NA	Long-term on-the-job training

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13-1041	Compliance Officers, Except Agriculture, Construction, Health and Safety,	230	230	10	2%	10	20	\$49,403	Long-term on-the-job training
13-1051	Cost Estimators	470	480	20	3%	20	30	\$47,891	Bachelor's degree
13-1071	Employment, Recruitment, and Placement Specialists	340	350	20	5%	10	30	\$37,677	Bachelor's degree
13-1072	Compensation, Benefits, and Job Analysis Specialists	170	180	10	3%	0	10	\$41,485	Bachelor's degree
13-1073	Training and Development Specialists	350	370	20	4%	10	20	\$38,539	Bachelor's degree
13-1111	Management Analysts	550	570	20	4%	10	30	\$75,622	Work experience plus bachelor's or higher degree
13-1121	Meeting and Convention Planners	50	50	0	0%	0	0	\$30,084	Bachelor's degree
13-1199	Business Operations Specialists, All Other	1,430	1,490	60	4%	40	100	\$55,345	Bachelor's degree
13-2000	Financial Specialists	3,640	3,730	90	2%	120	210	NA	NA
13-2011	Accountants and Auditors	2,130	2,190	60	3%	70	130	\$56,403	Bachelor's degree
13-2021	Appraisers and Assessors of Real Estate	170	170	10	3%	10	10	\$27,775	Postsecondary vocational training
13-2031	Budget Analysts	110	110	0	3%	0	10	NA	Bachelor's degree
13-2041	Credit Analysts	70	70	0	4%	0	10	\$49,177	Bachelor's degree
13-2051	Financial Analysts	60	60	0	2%	0	0	\$59,610	Bachelor's degree
13-2052	Personal Financial Advisors	230	240	10	6%	10	20	\$60,529	Bachelor's degree
13-2053	Insurance Underwriters	30	30	0	0%	0	0	\$51,613	Bachelor's degree
13-2061	Financial Examiners	20	20	0	0%	0	0	\$51,192	Bachelor's degree
13-2071	Loan Counselors	30	30	0	0%	0	0	\$33,050	Bachelor's degree
13-2072	Loan Officers	420	420	0	0%	10	10	\$54,935	Bachelor's degree
13-2081	Tax Examiners, Collectors, and Revenue Agents	50	50	0	-2%	0	0	NA	Bachelor's degree
13-2082	Tax Preparers	180	190	10	3%	10	10	\$28,715	Moderate-term on-the-job training
13-2099	Financial Specialists, All Other	150	150	0	-2%	10	10	\$45,864	Bachelor's degree
15-0000	Computer and Mathematical Occupations	3,240	3,310	70	2%	80	160	\$46,636	NA
15-1000	Computer Specialists	3,210	3,280	70	2%	70	160	NA	NA
15-1021	Computer Programmers	600	580	-10	-2%	30	30	\$58,119	Bachelor's degree
15-1031	Computer Software Engineers, Applications	280	290	10	5%	0	20	\$66,221	Bachelor's degree
15-1032	Computer Software Engineers, Systems Software	150	160	10	7%	0	10	\$62,711	Bachelor's degree
15-1041	Computer Support Specialists	810	820	10	1%	20	30	\$30,586	Associate degree
15-1051	Computer Systems Analysts	490	500	20	4%	10	30	\$54,112	Bachelor's degree
15-1061	Database Administrators	180	190	10	4%	0	10	\$48,187	Bachelor's degree
15-1071	Network and Computer Systems Administrators	390	400	10	3%	10	20	\$52,187	Bachelor's degree
15-1081	Network Systems and Data Communications Analysts	160	170	10	5%	0	10	\$50,299	Bachelor's degree
15-1099	Computer Specialists, All Other	160	160	10	5%	0	10	\$41,924	Postsecondary vocational training
15-2000	Mathematical Scientists	40	40	0	0%	0	0	NA	NA
15-2031	Operations Research Analysts	20	20	0	0%	0	0	\$64,320	Master's degree
17-0000	Architecture and Engineering Occupations	6,010	6,120	110	2%	270	380	\$50,281	NA
17-1000	Architects, Surveyors, and Cartographers	250	260	10	5%	10	20	NA	NA
17-1011	Architects, Except Landscape and Naval	180	190	10	6%	0	20	\$52,016	Bachelor's degree
17-1012	Landscape Architects	20	20	0	0%	0	0	NA	Bachelor's degree
17-1022	Surveyors	40	40	0	5%	0	10	\$40,960	Bachelor's degree
17-2000	Engineers	3,510	3,580	70	2%	160	230	NA	NA
17-2031	Biomedical Engineers	70	80	10	7%	0	10	\$60,470	Bachelor's degree
17-2041	Chemical Engineers	50	50	0	2%	0	0	\$69,226	Bachelor's degree
17-2051	Civil Engineers	190	200	0	1%	10	10	\$54,033	Bachelor's degree
17-2061	Computer Hardware Engineers	20	20	0	0%	0	0	NA	Bachelor's degree
17-2071	Electrical Engineers	480	480	0	0%	20	20	NA	Bachelor's degree
17-2072	Electronics Engineers, Except Computer	170	180	10	3%	10	10	\$62,343	Bachelor's degree
17-2081	Environmental Engineers	70	70	0	3%	0	0	\$59,300	Bachelor's degree
17-2111	Health and Safety Engineers, Except Mining Safety Engineers and Inspec	60	60	0	2%	0	0	\$55,029	Bachelor's degree
17-2112	Industrial Engineers	950	980	20	3%	40	70	\$54,937	Bachelor's degree
17-2131	Materials Engineers	60	60	0	-3%	0	0	\$69,550	Bachelor's degree
17-2141	Mechanical Engineers	1,070	1,090	20	2%	60	80	\$61,216	Bachelor's degree
17-2199	Engineers, All Other	300	310	10	4%	10	20	NA	Bachelor's degree
17-3000	Drafters, Engineering, and Mapping Technicians	2,250	2,270	20	1%	100	130	NA	NA

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17-3011	Architectural and Civil Drafters	130	130	0	2%	10	10	\$36,264	Postsecondary vocational training
17-3012	Electrical and Electronics Drafters	80	80	-10	-6%	0	0	\$37,252	Postsecondary vocational training
17-3013	Mechanical Drafters	490	490	0	0%	30	30	\$38,258	Postsecondary vocational training
17-3021	Aerospace Engineering and Operations Technicians	20	20	0	10%	0	0	\$43,915	NA
17-3022	Civil Engineering Technicians	150	160	0	2%	10	10	\$38,241	Associate degree
17-3023	Electrical and Electronic Engineering Technicians	380	380	0	0%	20	20	\$38,951	Associate degree
17-3024	Electro-Mechanical Technicians	190	200	10	3%	10	10	NA	Associate degree
17-3025	Environmental Engineering Technicians	40	40	0	2%	0	0	\$36,151	Associate degree
17-3026	Industrial Engineering Technicians	220	220	0	2%	10	10	\$38,212	Associate degree
17-3027	Mechanical Engineering Technicians	280	280	0	1%	10	20	\$41,218	Associate degree
17-3031	Surveying and Mapping Technicians	50	50	0	6%	0	10	\$30,522	Moderate-term on-the-job training
17-3099	Drafters, Engineering, and Mapping Technicians, All Other (OES Only)	210	220	0	2%	10	10	NA	NA
19-0000	Life, Physical, and Social Science Occupations	1,930	1,990	60	3%	90	150	\$47,288	NA
19-1000	Life Scientists	200	200	10	3%	10	10	NA	NA
19-1021	Biochemists and Biophysicists	20	20	0	4%	0	0	NA	Doctoral degree
19-1042	Medical Scientists, Except Epidemiologists	30	30	0	4%	0	0	NA	Doctoral degree
19-1099	Life Scientists, All Other	100	100	0	3%	0	10	NA	Bachelor's degree
19-2000	Physical Scientists	280	290	10	4%	10	20	NA	NA
19-2031	Chemists	130	130	0	2%	10	10	\$58,964	Bachelor's degree
19-2041	Environmental Scientists and Specialists, Including Health	60	70	10	10%	0	10	\$37,208	Bachelor's degree
19-2099	Physical Scientists, All Other	60	60	0	2%	0	0	NA	Bachelor's degree
19-3000	Social Scientists and Related Workers	580	600	20	3%	30	50	NA	NA
19-3021	Market Research Analysts	220	230	10	3%	10	20	\$53,133	Bachelor's degree
19-3022	Survey Researchers	20	20	0	7%	0	0	NA	Bachelor's degree
19-3031	Clinical, Counseling, and School Psychologists	250	260	10	4%	10	20	\$49,658	Master's degree
19-3051	Urban and Regional Planners	40	40	0	0%	0	0	\$40,468	Master's degree
19-3099	Social Scientists and Related Workers, All Other	50	60	0	4%	0	0	NA	Master's degree
19-4000	Life, Physical, and Social Science Technicians	880	910	30	3%	40	70	NA	NA
19-4021	Biological Technicians	150	150	0	1%	10	10	\$36,374	Associate degree
19-4031	Chemical Technicians	110	120	0	3%	10	10	\$37,379	Associate degree
19-4091	Environmental Science and Protection Technicians, Including Health	40	40	0	5%	0	0	\$24,270	Associate degree
19-4099	Life, Physical, and Social Science Technicians, All Other	560	580	20	4%	30	50	\$31,144	Associate degree
21-0000	Community and Social Services Occupations	2,550	2,690	140	5%	90	230	\$32,064	NA
21-1000	Counselors, Social Workers, and Other Community and Social Service Sp	2,140	2,250	120	6%	70	190	NA	NA
21-1011	Substance Abuse and Behavioral Disorder Counselors	50	50	0	0%	0	0	\$33,915	Master's degree
21-1012	Educational, Vocational, and School Counselors	350	360	10	4%	20	30	\$46,021	Master's degree
21-1013	Marriage and Family Therapists	40	40	0	6%	0	0	\$54,618	Master's degree
21-1014	Mental Health Counselors	160	170	10	6%	10	20	\$31,826	Master's degree
21-1015	Rehabilitation Counselors	150	160	10	5%	10	10	\$31,749	Master's degree
21-1021	Child, Family, and School Social Workers	330	340	10	3%	10	20	\$30,885	Bachelor's degree
21-1022	Medical and Public Health Social Workers	180	190	10	5%	10	20	\$36,453	Bachelor's degree
21-1023	Mental Health and Substance Abuse Social Workers	160	170	10	4%	10	10	\$29,869	Master's degree
21-1091	Health Educators	80	90	10	6%	0	10	\$28,589	Master's degree
21-1092	Probation Officers and Correctional Treatment Specialists	90	90	0	1%	0	0	\$31,206	Bachelor's degree
21-1093	Social and Human Service Assistants	560	610	50	9%	20	70	\$24,160	Moderate-term on-the-job training
21-2000	Religious Workers	60	60	0	2%	0	0	NA	NA
21-2011	Clergy	60	60	0	2%	0	0	\$35,640	Master's degree
21-9000	Miscellaneous Counselors, Social, & Religious Workers	360	380	20	6%	10	30	NA	NA
21-9099	Counselors, Social, and Religious Workers, All Other (OES Only)	360	380	20	6%	10	30	NA	NA
23-0000	Legal Occupations	1,110	1,140	20	2%	20	50	\$55,700	NA
23-1000	Lawyers, Judges, and Related Workers	460	480	10	3%	10	20	NA	NA

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23-1011	Lawyers	420	430	10	3%	10	20	\$84,190	First professional degree
23-1023	Judges, Magistrate Judges, and Magistrates	30	30	0	0%	0	0	\$64,488	Work experience plus bachelor's or higher degree
23-2000	<i>Legal Support Workers</i>	600	610	10	1%	10	20	NA NA	
23-2011	Paralegals and Legal Assistants	400	420	10	3%	10	20	\$38,667	Associate degree
23-2091	Court Reporters	30	30	0	3%	0	0	\$33,409	Postsecondary vocational training
23-2092	Law Clerks	40	40	0	-3%	0	0	\$35,131	Bachelor's degree
23-2093	Title Examiners, Abstractors, and Searchers	130	130	-10	-4%	0	0	\$32,434	Moderate-term on-the-job training
23-9000	<i>Miscellaneous Legal & Related Workers</i>	50	50	0	0%	0	0	NA NA	
23-9099	Legal and Related Workers, All Other (OES Only)	50	50	0	0%	0	0	NA NA	
25-0000	Education, Training, and Library Occupations	16,390	17,140	760	5%	650	1,410	\$36,701	NA
25-1000	<i>Postsecondary Teachers</i>	3,550	3,820	270	8%	150	420	NA NA	
25-1011	Business Teachers, Postsecondary	260	280	20	8%	10	30	\$56,423	Doctoral degree
25-1021	Computer Science Teachers, Postsecondary	50	50	0	9%	0	10	\$46,617	Doctoral degree
25-1022	Mathematical Science Teachers, Postsecondary	190	200	10	7%	10	20	\$50,250	Doctoral degree
25-1031	Architecture Teachers, Postsecondary	30	30	0	4%	0	0	NA	Doctoral degree
25-1032	Engineering Teachers, Postsecondary	160	170	10	8%	10	20	NA	Doctoral degree
25-1041	Agricultural Sciences Teachers, Postsecondary	280	290	20	7%	10	30	NA NA	
25-1042	Biological Science Teachers, Postsecondary	150	160	10	8%	10	20	\$55,532	Doctoral degree
25-1043	Forestry and Conservation Science Teachers, Postsecondary	20	20	0	6%	0	0	NA NA	
25-1051	Atmospheric, Earth, Marine, and Space Sciences Teachers, Postsecondary	20	20	0	11%	0	0	NA	Doctoral degree
25-1052	Chemistry Teachers, Postsecondary	100	100	10	7%	0	10	\$52,249	Doctoral degree
25-1054	Physics Teachers, Postsecondary	60	70	10	8%	0	10	\$53,987	Doctoral degree
25-1061	Anthropology and Archeology Teachers, Postsecondary	30	40	0	6%	0	0	NA	Doctoral degree
25-1063	Economics Teachers, Postsecondary	50	50	0	7%	0	10	NA	Doctoral degree
25-1065	Political Science Teachers, Postsecondary	50	50	0	9%	0	10	\$54,525	Doctoral degree
25-1066	Psychology Teachers, Postsecondary	130	140	10	8%	10	20	\$49,194	Doctoral degree
25-1067	Sociology Teachers, Postsecondary	40	40	0	8%	0	10	\$49,198	Doctoral degree
25-1071	Health Specialties Teachers, Postsecondary	130	140	10	8%	10	20	\$58,935	Doctoral degree
25-1072	Nursing Instructors and Teachers, Postsecondary	120	130	10	7%	10	10	\$44,011	Master's degree
25-1081	Education Teachers, Postsecondary	340	370	30	8%	20	40	\$41,458	Doctoral degree
25-1082	Library Science Teachers, Postsecondary	40	50	0	7%	0	10	NA	Doctoral degree
25-1111	Criminal Justice and Law Enforcement Teachers, Postsecondary	30	30	0	8%	0	0	\$37,015	Doctoral degree
25-1112	Law Teachers, Postsecondary	40	40	0	9%	0	10	NA	Doctoral degree
25-1121	Art, Drama, and Music Teachers, Postsecondary	170	180	10	8%	10	20	NA	Doctoral degree
25-1122	Communications Teachers, Postsecondary	60	70	10	8%	0	10	NA	Doctoral degree
25-1123	English Language and Literature Teachers, Postsecondary	270	290	20	8%	10	30	\$45,244	Doctoral degree
25-1124	Foreign Language and Literature Teachers, Postsecondary	30	40	0	6%	0	0	NA	Doctoral degree
25-1125	History Teachers, Postsecondary	70	80	10	7%	0	10	\$53,022	Doctoral degree
25-1126	Philosophy and Religion Teachers, Postsecondary	70	80	10	8%	0	10	\$53,768	Doctoral degree
25-1192	Home Economics Teachers, Postsecondary	40	40	0	5%	0	0	NA	Doctoral degree
25-1194	Vocational Education Teachers, Postsecondary	180	200	20	9%	10	20	\$25,177	Work experience in a related occupation
25-1199	Postsecondary Teachers, All Other	350	370	30	7%	20	40	NA	Doctoral degree
25-2000	<i>Primary, Secondary, and Special Education School Teachers</i>	7,960	8,230	270	3%	330	600	NA NA	
25-2011	Preschool Teachers, Except Special Education	480	480	0	-1%	10	10	\$24,885	Bachelor's degree
25-2012	Kindergarten Teachers, Except Special Education	320	330	20	5%	10	20	\$40,097	Bachelor's degree
25-2021	Elementary School Teachers, Except Special Education	3,280	3,390	110	3%	130	240	\$42,793	Bachelor's degree
25-2022	Middle School Teachers, Except Special and Vocational Education	1,240	1,270	30	2%	50	80	\$44,144	Bachelor's degree
25-2023	Vocational Education Teachers, Middle School	80	80	0	3%	0	10	NA NA	
25-2031	Secondary School Teachers, Except Special and Vocational Education	1,830	1,910	70	4%	100	170	\$45,447	Bachelor's degree
25-2032	Vocational Education Teachers, Secondary School	170	180	0	2%	10	10	\$52,416	Bachelor's degree
25-2041	Special Education Teachers, Preschool, Kindergarten, and Elementary School	310	320	20	1%	10	30	\$41,029	Bachelor's degree
25-2042	Special Education Teachers, Middle School	120	130	10	6%	10	10	\$42,759	Bachelor's degree
25-2043	Special Education Teachers, Secondary School	130	140	10	6%	10	10	\$43,434	Bachelor's degree
25-3000	<i>Other Teachers and Instructors</i>	1,110	1,180	70	6%	20	90	NA NA	
25-3011	Adult Literacy, Remedial Education, and GED Teachers and Instructors	170	170	10	4%	0	10	\$33,225	Bachelor's degree
25-3021	Self-Enrichment Education Teachers	240	260	20	7%	10	20	\$33,266	Work experience in a related occupation

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25-3999	Teachers, Primary, Secondary, and Adult, All Other (OES Only)	700	740	50	7%	20	60	NA NA	
25-4000	<i>Librarians, Curators, and Archivists</i>	540	550	10	3%	30	50	NA NA	
25-4010	Archivists, Curators, and Museum Technicians	70	80	10	7%	0	10	NA NA	
25-4021	Librarians	220	220	0	1%	10	10	\$45,798	Master's degree
25-4031	Library Technicians	250	250	10	3%	20	30	\$21,772	Short-term on-the-job training
25-9000	<i>Other Education, Training, and Library Occupations</i>	3,240	3,380	140	4%	110	250	NA NA	
25-9021	Farm and Home Management Advisors	20	20	0	0%	0	0	NA	Bachelor's degree
25-9031	Instructional Coordinators	140	150	10	5%	0	10	\$47,011	Master's degree
25-9041	Teacher Assistants	3,040	3,180	130	4%	110	240	\$19,117	Short-term on-the-job training
25-9199	Library, Museum, Training, and Other Education Workers, All Other (OES)	30	30	0	3%	0	0	NA NA	
27-0000	Arts, Design, Entertainment, Sports, and Media Occupations	3,150	3,190	40	1%	110	160	\$30,441	NA
27-1000	<i>Art and Design Workers</i>	1,070	1,080	10	1%	30	50	NA NA	
27-1011	Art Directors	20	20	0	6%	0	0	\$49,316	Work experience plus bachelor's or higher degree
27-1013	Fine Artists, Including Painters, Sculptors, and Illustrators	30	30	0	6%	0	0	NA	Long-term on-the-job training
27-1014	Multi-Media Artists and Animators	90	90	0	1%	0	10	\$37,867	Bachelor's degree
27-1021	Commercial and Industrial Designers	170	180	0	2%	0	10	\$46,848	Bachelor's degree
27-1023	Floral Designers	190	190	0	-1%	10	10	\$19,529	Moderate-term on-the-job training
27-1024	Graphic Designers	280	280	0	1%	10	10	\$37,472	Bachelor's degree
27-1025	Interior Designers	130	130	0	2%	0	10	\$32,459	Bachelor's degree
27-1026	Merchandise Displayers and Window Trimmers	50	40	0	-2%	0	0	\$26,868	Moderate-term on-the-job training
27-1099	Art and Design Workers, All Other (OES Only)	120	120	0	1%	0	10	NA NA	
27-2000	<i>Entertainers and Performers, Sports and Related Workers</i>	620	630	20	2%	20	40	NA NA	
27-2012	Producers and Directors	150	150	0	1%	0	10	\$39,874	Work experience plus bachelor's or higher degree
27-2022	Coaches and Scouts	290	300	10	3%	10	20	\$27,651	Long-term on-the-job training
27-2032	Choreographers	20	20	0	0%	0	0	NA	Work experience in a related occupation
27-2042	Musicians and Singers	120	130	0	2%	10	10	NA	Long-term on-the-job training
27-3000	<i>Media and Communication Workers</i>	1,010	1,010	10	1%	40	60	NA NA	
27-3010	Announcers	130	120	-10	-5%	10	10	NA NA	
27-3020	News Analysts, Reporters and Correspondents	180	170	0	-2%	10	10	NA NA	
27-3031	Public Relations Specialists	320	340	10	4%	10	20	\$36,617	Bachelor's degree
27-3041	Editors	190	190	0	1%	10	10	\$37,099	Bachelor's degree
27-3042	Technical Writers	100	100	0	2%	10	10	\$40,278	Bachelor's degree
27-3043	Writers and Authors	70	70	0	0%	0	0	\$32,945	Bachelor's degree
27-3099	Media and Communication Workers, All Other	20	20	0	0%	0	0	NA	Long-term on-the-job training
27-4000	<i>Media and Communication Equipment Workers</i>	460	460	10	2%	20	30	NA NA	
27-4011	Audio and Video Equipment Technicians	50	50	0	2%	0	0	NA	Long-term on-the-job training
27-4012	Broadcast Technicians	80	80	0	1%	0	10	NA	Postsecondary vocational training
27-4021	Photographers	210	210	0	1%	10	10	\$29,442	Long-term on-the-job training
27-4031	Camera Operators, Television, Video, and Motion Picture	70	70	0	1%	0	0	NA	Moderate-term on-the-job training
27-4032	Film and Video Editors	30	30	0	4%	0	0	NA	Bachelor's degree
27-4099	Media and Communication Equipment Workers, All Other	30	30	0	4%	0	0	NA	Moderate-term on-the-job training
29-0000	Healthcare Practitioners and Technical Occupations	12,960	13,490	530	4%	450	980	\$52,498	NA
29-1000	<i>Health Diagnosing and Treating Practitioners</i>	7,260	7,560	300	4%	260	560	NA NA	
29-1011	Chiropractors	90	90	0	0%	0	0	\$147,182	First professional degree
29-1020	Dentists	330	330	0	0%	10	10	NA NA	
29-1031	Dietitians and Nutritionists	110	110	0	2%	10	10	\$45,918	Bachelor's degree
29-1041	Optometrists	110	110	0	-1%	10	10	\$96,494	First professional degree
29-1051	Pharmacists	470	480	10	3%	20	30	\$81,106	First professional degree
29-1061	Anesthesiologists	80	80	0	4%	0	10	NA	First professional degree
29-1062	Family and General Practitioners	150	150	0	3%	0	10	\$143,684	First professional degree
29-1063	Internists, General	30	30	0	3%	0	0	NA	First professional degree
29-1064	Obstetricians and Gynecologists	50	50	0	0%	0	0	NA	First professional degree
29-1066	Psychiatrists	50	50	0	6%	0	0	\$144,838	First professional degree

Code	Occupational Title	2005 Employment	2007 Projection	Two Year Change	Percent Change	Replacements ¹	Total Openings	2004 Annual Wage ²	Education Requirement ³
29-1067	Surgeons	220	230	0	2%	10	10	NA	First professional degree
29-1069	Physicians and Surgeons, All Other	70	70	0	0%	0	0	NA	NA
29-1071	Physician Assistants	50	50	0	9%	0	10	\$51,957	Bachelor's degree
29-1111	Registered Nurses	4,380	4,590	210	5%	160	370	\$47,595	Associate degree
29-1121	Audiologists	50	50	0	6%	0	10	\$61,369	Master's degree
29-1122	Occupational Therapists	180	190	10	6%	0	10	\$54,248	Bachelor's degree
29-1123	Physical Therapists	220	230	10	6%	0	20	\$67,060	Master's degree
29-1124	Radiation Therapists	20	20	0	7%	0	0	\$52,723	Associate degree
29-1125	Recreational Therapists	50	50	0	4%	0	0	\$26,660	Bachelor's degree
29-1126	Respiratory Therapists	190	200	10	6%	10	20	\$41,607	Associate degree
29-1127	Speech-Language Pathologists	170	170	10	4%	10	20	\$54,665	Master's degree
29-1131	Veterinarians	80	90	0	5%	0	10	\$111,018	First professional degree
29-1199	Health Diagnosing and Treating Practitioners, All Other	100	100	10	5%	0	10	NA	First professional degree
29-2000	Health Technologists and Technicians	5,350	5,560	210	4%	170	390	NA	NA
29-2011	Medical and Clinical Laboratory Technologists	300	320	20	6%	20	40	\$41,534	Bachelor's degree
29-2012	Medical and Clinical Laboratory Technicians	380	400	20	5%	20	40	\$28,293	Associate degree
29-2021	Dental Hygienists	440	470	30	6%	10	30	\$52,976	Associate degree
29-2031	Cardiovascular Technologists and Technicians	70	80	0	6%	0	10	\$37,029	Associate degree
29-2032	Diagnostic Medical Sonographers	90	90	0	3%	0	10	\$47,645	Associate degree
29-2033	Nuclear Medicine Technologists	30	30	0	4%	0	0	\$49,555	NA
29-2034	Radiologic Technologists and Technicians	410	420	10	3%	10	30	\$40,871	Associate degree
29-2041	Emergency Medical Technicians and Paramedics	340	360	10	3%	10	20	\$24,694	Postsecondary vocational training
29-2051	Dietetic Technicians	20	20	0	0%	0	0	NA	Moderate-term on-the-job training
29-2052	Pharmacy Technicians	470	490	20	3%	10	30	\$23,674	Moderate-term on-the-job training
29-2053	Psychiatric Technicians	300	300	0	0%	10	10	\$20,475	Postsecondary vocational training
29-2054	Respiratory Therapy Technicians	60	60	0	5%	0	0	NA	Postsecondary vocational training
29-2055	Surgical Technologists	240	250	10	5%	10	20	\$35,763	Postsecondary vocational training
29-2056	Veterinary Technologists and Technicians	160	170	10	8%	0	20	\$22,650	Associate degree
29-2061	Licensed Practical and Licensed Vocational Nurses	1,370	1,390	30	2%	60	80	\$33,290	Postsecondary vocational training
29-2071	Medical Records and Health Information Technicians	540	580	40	7%	10	50	\$25,257	Associate degree
29-2081	Opticians, Dispensing	90	100	0	4%	0	10	\$21,972	Long-term on-the-job training
29-2091	Orthotists and Prosthetists	40	40	0	-2%	0	0	\$81,031	Bachelor's degree
29-9000	Other Healthcare Practitioners and Technical Occupations	90	90	10	6%	0	10	NA	NA
29-9010	Occupational Health and Safety Specialists and Technicians	60	60	0	7%	0	10	NA	NA
29-9091	Athletic Trainers	30	30	0	4%	0	0	NA	Bachelor's degree
29-9100	Other Health Practitioners And Technical Workers	260	270	10	5%	10	20	NA	NA
29-9199	Health Professionals and Technicians, All Other (OES Only)	260	270	10	5%	10	20	NA	NA
31-0000	Healthcare Support Occupations	6,010	6,270	260	4%	180	440	\$22,385	NA
31-1000	Nursing, Psychiatric, and Home Health Aides	3,390	3,520	130	4%	80	210	NA	NA
31-1011	Home Health Aides	670	710	50	7%	20	60	\$22,250	Short-term on-the-job training
31-1012	Nursing Aides, Orderlies, and Attendants	2,710	2,800	80	3%	60	150	\$19,690	Short-term on-the-job training
31-2000	Occupational and Physical Therapist Assistants and Aides	240	250	10	6%	10	20	NA	NA
31-2011	Occupational Therapist Assistants	50	50	0	4%	0	0	\$33,783	Associate degree
31-2021	Physical Therapist Assistants	130	130	10	6%	0	10	\$38,297	Associate degree
31-2022	Physical Therapist Aides	50	60	0	6%	0	10	\$24,691	Short-term on-the-job training
31-9000	Other Healthcare Support Occupations	2,380	2,490	110	5%	100	210	NA	NA
31-9011	Massage Therapists	150	150	0	3%	10	10	\$24,267	Postsecondary vocational training
31-9091	Dental Assistants	540	580	40	7%	30	70	\$28,651	Moderate-term on-the-job training
31-9092	Medical Assistants	650	700	50	8%	20	70	\$23,490	Moderate-term on-the-job training
31-9093	Medical Equipment Preparers	80	80	0	3%	0	10	\$24,360	Short-term on-the-job training
31-9094	Medical Transcriptionists	360	370	10	3%	10	20	\$25,406	Postsecondary vocational training
31-9095	Pharmacy Aides	140	140	0	-1%	10	10	\$18,066	Short-term on-the-job training
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	230	230	10	3%	10	20	\$15,163	Short-term on-the-job training
31-9099	Healthcare Support Workers, All Other	230	230	0	1%	10	10	\$23,222	Short-term on-the-job training

Code	Occupational Title	2005 Employment	2007 Projection	Two Year Change	Percent Change	Replacements ¹	Total Openings	2004 Annual Wage ²	Education Requirement ³
33-0000	Protective Service Occupations	3,940	4,010	70	2%	230	300	\$29,097 NA	
33-1000	First-Line Supervisors/Managers, Protective Service Workers	370	370	0	1%	20	20	NA NA	
33-1011	First-Line Supervisors/Managers of Correctional Officers	30	30	0	0%	0	0	NA	Work experience in a related occupation
33-1012	First-Line Supervisors/Managers of Police and Detectives	160	160	0	1%	10	10	\$47,656	Work experience in a related occupation
33-1021	First-Line Supervisors/Managers of Fire Fighting and Prevention Workers	90	90	0	1%	10	10	\$44,870	Work experience in a related occupation
33-1099	First-Line Supervisors/Managers, Protective Service Workers, All Other	90	90	0	0%	0	0	\$32,832	Work experience in a related occupation
33-2000	Fire Fighting and Prevention Workers	480	490	10	2%	30	40	NA NA	
33-2011	Fire Fighters	460	470	10	2%	20	40	\$33,557	Long-term on-the-job training
33-2021	Fire Inspectors and Investigators	20	20	0	0%	0	0	NA	Work experience in a related occupation
33-3000	Law Enforcement Workers	1,440	1,460	20	2%	70	90	NA NA	
33-3011	Bailiffs	20	20	0	0%	0	0	NA NA	
33-3012	Correctional Officers and Jailers	380	390	10	1%	20	20	\$29,468	Moderate-term on-the-job training
33-3021	Detectives and Criminal Investigators	100	100	0	1%	10	10	\$41,178	Work experience in a related occupation
33-3041	Parking Enforcement Workers	20	20	0	0%	0	0	NA	Short-term on-the-job training
33-3051	Police and Sheriff's Patrol Officers	920	940	20	2%	50	60	\$37,346	Long-term on-the-job training
33-9000	Other Protective Service Workers	1,660	1,690	30	2%	110	150	NA NA	
33-9011	Animal Control Workers	20	20	0	6%	0	10	NA	Moderate-term on-the-job training
33-9021	Private Detectives and Investigators	180	190	10	6%	10	20	\$28,646	Work experience in a related occupation
33-9032	Security Guards	1,190	1,200	20	2%	60	70	\$20,384	Short-term on-the-job training
33-9091	Crossing Guards	80	80	0	-1%	10	10	\$16,742	NA
33-9099	Protective Service Workers, All Other	190	200	0	2%	40	50	\$22,950	Short-term on-the-job training
35-0000	Food Preparation and Serving Related Occupations	22,000	22,560	570	3%	2,160	2,730	\$16,421 NA	
35-1000	Supervisors, Food Preparation and Serving Workers	2,130	2,180	50	2%	120	170	NA NA	
35-1011	Chefs and Head Cooks	330	340	10	4%	20	40	\$29,187	Postsecondary vocational training
35-1012	First-Line Supervisors/Managers of Food Preparation and Serving Worker	1,800	1,840	40	2%	90	130	\$24,560	Work experience in a related occupation
35-2000	Cooks and Food Preparation Workers	6,560	6,680	120	2%	540	670	NA NA	
35-2011	Cooks, Fast Food	1,620	1,620	0	0%	130	130	\$14,611	Short-term on-the-job training
35-2012	Cooks, Institution and Cafeteria	880	880	0	0%	70	70	\$20,038	Long-term on-the-job training
35-2014	Cooks, Restaurant	1,170	1,210	40	4%	90	140	\$19,068	Long-term on-the-job training
35-2015	Cooks, Short Order	920	930	20	2%	70	90	\$16,934	Short-term on-the-job training
35-2021	Food Preparation Workers	1,970	2,040	60	3%	180	240	\$17,601	Short-term on-the-job training
35-3000	Food and Beverage Serving Workers	10,550	10,860	310	3%	1,260	1,580	NA NA	
35-3011	Bartenders	1,150	1,160	10	1%	90	100	\$15,479	Short-term on-the-job training
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	3,960	4,060	110	3%	430	540	\$14,496	Short-term on-the-job training
35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	1,230	1,260	40	3%	260	290	\$14,777	Short-term on-the-job training
35-3031	Waiters and Waitresses	3,960	4,110	150	4%	460	610	\$14,697	Short-term on-the-job training
35-3041	Food Servers, Nonrestaurant	260	270	10	2%	20	30	\$15,461	Short-term on-the-job training
35-9000	Other Food Preparation and Serving Related Workers	2,760	2,840	80	3%	240	320	NA NA	
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	760	780	20	3%	70	90	\$14,811	Short-term on-the-job training
35-9021	Dishwashers	1,160	1,180	20	2%	110	130	\$14,242	Short-term on-the-job training
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	690	720	30	4%	50	80	\$15,537	Short-term on-the-job training
35-9099	Food Preparation and Serving Related Workers, All Other	150	160	10	4%	10	20	\$16,656	Short-term on-the-job training
37-0000	Building and Grounds Cleaning and Maintenance Occupations	8,550	8,720	180	2%	330	510	\$22,374 NA	
37-1000	Supervisors, Building and Grounds Cleaning and Maintenance Workers	710	730	20	3%	20	40	NA NA	
37-1011	First-Line Supervisors/Managers of Housekeeping and Janitorial Workers	460	470	10	2%	20	30	\$32,277	Work experience in a related occupation
37-1012	First-Line Supervisors/Managers of Landscaping, Lawn Service, and Grou	260	270	10	3%	0	10	\$36,839	Work experience in a related occupation
37-2000	Building Cleaning and Pest Control Workers	6,160	6,280	120	2%	240	350	NA NA	
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	4,370	4,480	110	3%	170	280	\$22,397	Short-term on-the-job training
37-2012	Maids and Housekeeping Cleaners	1,710	1,720	0	0%	70	70	\$16,193	Short-term on-the-job training
37-2021	Pest Control Workers	80	80	0	1%			\$25,716	Moderate-term on-the-job training

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37-3000	Grounds Maintenance Workers	1,670	1,710	40	3%	70	120	NA NA	
37-3011	Landscaping and Groundskeeping Workers	1,350	1,390	40	3%	60	90	\$21,579	Short-term on-the-job training
37-3012	Pesticide Handlers, Sprayers, and Applicators, Vegetation	210	220	0	2%	10	10	\$33,493	Moderate-term on-the-job training
37-3013	Tree Trimmers and Pruners	40	40	0	3%			NA	Short-term on-the-job training
37-9099	Building and Grounds Cleaning and Maintenance Workers, All Other (OES)	70	70	0	3%	0	10	NA NA	
39-0000	Personal Care and Service Occupations	6,460	6,570	110	2%	310	450	\$20,274	NA
39-1000	Supervisors, Personal Care and Service Workers	400	400	0	-1%	20	20	NA NA	
39-1012	Slot Key Persons	20	20	0	0%	0	0	NA	Postsecondary vocational training
39-1021	First-Line Supervisors/Managers of Personal Service Workers	370	370	0	-1%	20	20	\$29,474	Work experience in a related occupation
39-2000	Animal Care and Service Workers	190	190	-10	-3%	10	10	NA NA	
39-2021	Nonfarm Animal Caretakers	180	180	-10	-3%	10	10	\$17,965	Short-term on-the-job training
39-3000	Entertainment Attendants and Related Workers	580	590	10	2%	60	70	NA NA	
39-3011	Gaming Dealers	30	20	0	-4%	0	0	NA	Postsecondary vocational training
39-3031	Ushers, Lobby Attendants, and Ticket Takers	180	190	10	4%	30	40	\$15,451	Short-term on-the-job training
39-3091	Amusement and Recreation Attendants	260	260	0	1%	20	20	\$15,808	Short-term on-the-job training
39-3093	Locker Room, Coatroom, and Dressing Room Attendants	30	30	0	0%	0	0	\$17,568	Work experience in a related occupation
39-3199	Gaming Workers, All Other (OES Only)	80	80	0	3%	10	10	NA NA	
39-4000	Funeral Service Workers	60	70	0	5%	0	10	NA NA	
39-4011	Embalmers	20	20	0	0%	0	0	\$44,627	NA
39-4021	Funeral Attendants	40	50	0	7%	0	10	\$18,879	Short-term on-the-job training
39-5000	Personal Appearance Workers	1,820	1,850	30	2%	70	90	NA NA	
39-5011	Barbers	40	40	0	0%	0	0	\$24,784	Postsecondary vocational training
39-5012	Hairdressers, Hairstylists, and Cosmetologists	1,710	1,740	30	2%	60	90	\$19,157	Postsecondary vocational training
39-5092	Manicurists and Pedicurists	40	40	0	3%	0	0	\$16,633	Postsecondary vocational training
39-5094	Skin Care Specialists	20	20	0	0%	0	0	\$14,737	Postsecondary vocational training
39-6000	Transportation, Tourism, and Lodging Attendants	170	160	0	-2%	10	10	NA NA	
39-6011	Baggage Porters and Bellhops	130	120	0	-2%	10	10	NA	Short-term on-the-job training
39-6032	Transportation Attendants, Except Flight Attendants and Baggage Porters	20	20	0	-5%	0	0	NA	Short-term on-the-job training
39-9000	Other Personal Care and Service Workers	3,240	3,330	80	2%	150	240	NA NA	
39-9011	Child Care Workers	1,340	1,330	-10	-1%	80	80	\$17,653	Short-term on-the-job training
39-9021	Personal and Home Care Aides	1,170	1,240	70	6%	40	110	\$19,605	Short-term on-the-job training
39-9031	Fitness Trainers and Aerobics Instructors	290	300	10	4%	10	30	\$22,807	Postsecondary vocational training
39-9032	Recreation Workers	370	380	10	2%	20	20	\$19,666	Bachelor's degree
39-9041	Residential Advisors	40	40	0	3%	0	0	\$19,623	Moderate-term on-the-job training
39-9099	Personal Care and Service Workers, All Other	40	40	0	3%	0	0	NA	Moderate-term on-the-job training
41-0000	Sales and Related Occupations	28,080	28,310	230	1%	2,100	2,360	\$30,116	NA
41-1000	Supervisors, Sales Workers	4,520	4,530	10	0%	150	180	NA NA	
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	3,190	3,210	30	1%	100	130	\$36,180	Work experience in a related occupation
41-1012	First-Line Supervisors/Managers of Non-Retail Sales Workers	1,330	1,310	-20	-1%	50	50	\$62,675	Work experience in a related occupation
41-2000	Retail Sales Workers	15,440	15,540	100	1%	1,580	1,680	NA NA	
41-2011	Cashiers	6,590	6,680	90	1%	850	940	\$16,220	Short-term on-the-job training
41-2021	Counter and Rental Clerks	1,340	1,350	20	1%	120	140	\$17,142	Short-term on-the-job training
41-2022	Parts Salespersons	440	440	0	-1%	30	30	\$27,992	Moderate-term on-the-job training
41-2031	Retail Salespersons	7,070	7,060	0	0%	570	570	\$21,332	Short-term on-the-job training
41-3000	Sales Representatives, Services	1,320	1,330	10	1%	50	60	NA NA	
41-3011	Advertising Sales Agents	250	250	0	0%	10	10	\$36,346	Moderate-term on-the-job training
41-3021	Insurance Sales Agents	640	650	10	2%	30	40	\$47,433	Bachelor's degree
41-3031	Securities, Commodities, and Financial Services Sales Agents	310	320	10	2%	10	10	\$74,714	Bachelor's degree
41-3041	Travel Agents	130	120	-10	-6%	10	10	\$24,506	Postsecondary vocational training

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41-4000	Sales Representatives, Wholesale and Manufacturing	4,700	4,780	80	2%	240	320	NA NA	
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scie	620	630	10	2%	30	50	\$53,600	Moderate-term on-the-job training
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical a	4,080	4,140	60	2%	210	270	\$52,924	Moderate-term on-the-job training
41-9000	Other Sales and Related Workers	2,100	2,140	40	2%	80	130	NA NA	
41-9011	Demonstrators and Product Promoters	170	170	10	3%	10	10	\$29,509	Moderate-term on-the-job training
41-9021	Real Estate Brokers	90	90	0	1%	0	0	\$90,978	Work experience in a related occupation
41-9022	Real Estate Sales Agents	710	730	10	2%	30	40	\$68,340	Postsecondary vocational training
41-9031	Sales Engineers	220	230	0	2%	10	20	\$68,300	Bachelor's degree
41-9041	Telemarketers	100	90	0	-1%	0	0	\$25,608	Short-term on-the-job training
41-9091	Door-To-Door Sales Workers, News and Street Vendors, and Related Wo	80	80	0	-3%	0	0	NA	Short-term on-the-job training
41-9099	Sales and Related Workers, All Other	730	750	20	2%	30	50	\$31,758	Moderate-term on-the-job training
43-0000	Office and Administrative Support Occupations	45,270	45,190	-80	0%	2,160	2,430	\$26,545	NA
43-1000	Supervisors, Office and Administrative Support Workers	3,050	3,040	-10	0%	120	120	NA NA	
43-1011	First-Line Supervisors/Managers of Office and Administrative Support Woi	3,050	3,040	-10	0%	120	120	\$40,124	Work experience in a related occupation
43-2000	Communications Equipment Operators	550	530	-20	-3%	30	30	NA NA	
43-2011	Switchboard Operators, Including Answering Service	500	480	-10	-2%	30	30	\$21,322	Short-term on-the-job training
43-2021	Telephone Operators	40	30	-10	-14%	0	0	\$20,464	Short-term on-the-job training
43-2099	Communications Equipment Operators, All Other	20	20	0	0%	0	0	NA	Short-term on-the-job training
43-3000	Financial Clerks	7,440	7,400	-40	-1%	360	380	NA NA	
43-3011	Bill and Account Collectors	520	540	20	4%	20	40	\$28,403	Short-term on-the-job training
43-3021	Billing and Posting Clerks and Machine Operators	1,270	1,270	0	0%	40	40	\$26,651	Short-term on-the-job training
43-3031	Bookkeeping, Accounting, and Auditing Clerks	3,790	3,740	-50	-1%	130	130	\$26,611	Moderate-term on-the-job training
43-3051	Payroll and Timekeeping Clerks	560	560	0	0%	30	30	\$28,890	Short-term on-the-job training
43-3061	Procurement Clerks	120	120	0	-1%	10	10	\$29,818	Short-term on-the-job training
43-3071	Tellers	1,180	1,160	-10	-1%	130	130	\$19,597	Short-term on-the-job training
43-4000	Information and Record Clerks	9,490	9,580	90	1%	420	570	NA NA	
43-4011	Brokerage Clerks	40	40	0	-3%	0	0	\$38,358	Moderate-term on-the-job training
43-4021	Correspondence Clerks	30	30	0	-6%	0	0	\$29,581	Short-term on-the-job training
43-4031	Court, Municipal, and License Clerks	140	140	0	0%	10	10	\$26,671	Short-term on-the-job training
43-4041	Credit Authorizers, Checkers, and Clerks	50	50	0	-2%	0	0	\$30,518	Short-term on-the-job training
43-4051	Customer Service Representatives	3,350	3,370	30	1%	100	130	\$31,065	Moderate-term on-the-job training
43-4061	Eligibility Interviewers, Government Programs	100	100	0	-4%	10	10	\$26,726	Moderate-term on-the-job training
43-4071	File Clerks	310	300	-10	-2%	20	20	\$20,579	Short-term on-the-job training
43-4081	Hotel, Motel, and Resort Desk Clerks	340	330	-10	-2%	30	30	\$15,698	Short-term on-the-job training
43-4111	Interviewers, Except Eligibility and Loan	410	430	20	5%	20	40	\$23,532	Short-term on-the-job training
43-4121	Library Assistants, Clerical	250	260	10	3%	20	30	NA	Short-term on-the-job training
43-4131	Loan Interviewers and Clerks	220	220	-10	-4%	10	10	\$27,436	Short-term on-the-job training
43-4141	New Accounts Clerks	130	120	0	-2%	10	10	\$22,742	Work experience in a related occupation
43-4151	Order Clerks	780	760	-30	-3%	40	40	\$25,139	Short-term on-the-job training
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	370	380	10	2%	20	20	\$31,840	Short-term on-the-job training
43-4171	Receptionists and Information Clerks	2,430	2,520	90	4%	130	220	\$20,276	Short-term on-the-job training
43-4181	Reservation and Transportation Ticket Agents and Travel Clerks	230	220	-10	-2%	10	10	NA	Short-term on-the-job training
43-4999	Financial, Information, and Record Clerks, All Other (OES Only)	310	310	0	0%	10	10	NA NA	
43-5000	Material Recording, Scheduling, Dispatching, and Distributing Workers	9,750	9,660	-90	-1%	650	660	NA NA	
43-5011	Cargo and Freight Agents	70	70	0	-2%	0	0	\$38,116	Moderate-term on-the-job training
43-5021	Couriers and Messengers	220	220	0	-1%	10	10	\$21,054	Short-term on-the-job training
43-5031	Police, Fire, and Ambulance Dispatchers	150	150	0	1%	10	10	\$29,536	Moderate-term on-the-job training
43-5032	Dispatchers, Except Police, Fire, and Ambulance	330	330	0	1%	10	20	\$34,060	Moderate-term on-the-job training
43-5041	Meter Readers, Utilities	60	60	-10	-8%	0	0	\$25,437	NA
43-5051	Postal Service Clerks	130	130	0	0%	10	10	\$41,950	Short-term on-the-job training
43-5052	Postal Service Mail Carriers	640	640	0	0%	40	40	\$42,848	Short-term on-the-job training
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operatc	290	290	-10	-2%	10	10	\$39,323	Short-term on-the-job training
43-5061	Production, Planning, and Expediting Clerks	1,030	1,040	10	1%	50	60	\$34,320	Short-term on-the-job training
43-5071	Shipping, Receiving, and Traffic Clerks	2,820	2,810	-20	-1%	110	110	\$25,206	Short-term on-the-job training

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43-5081	Stock Clerks and Order Fillers	3,850	3,770	-80	-2%	390	390	\$20,757	Short-term on-the-job training
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	150	160	10	3%	10	10	\$25,377	Short-term on-the-job training
43-6000	Secretaries and Administrative Assistants	7,860	7,840	-20	0%	270	300	NA NA	
43-6011	Executive Secretaries and Administrative Assistants	3,130	3,140	10	0%	110	120	\$32,499	Moderate-term on-the-job training
43-6012	Legal Secretaries	240	250	10	2%	10	10	\$28,203	Postsecondary vocational training
43-6013	Medical Secretaries	720	730	10	1%	30	40	\$25,439	Postsecondary vocational training
43-6014	Secretaries, Except Legal, Medical, and Executive	3,770	3,720	-40	-1%	130	130	\$24,865	Moderate-term on-the-job training
43-9000	Other Office and Administrative Support Workers	7,140	7,150	0	0%	320	360	NA NA	
43-9011	Computer Operators	230	220	-10	-5%	10	10	\$28,577	Moderate-term on-the-job training
43-9021	Data Entry Keyers	480	470	-10	-1%	20	20	\$23,116	Moderate-term on-the-job training
43-9022	Word Processors and Typists	250	240	-20	-7%	10	10	\$22,806	Moderate-term on-the-job training
43-9031	Desktop Publishers	70	70	0	3%	0	10	\$25,462	Postsecondary vocational training
43-9041	Insurance Claims and Policy Processing Clerks	210	210	0	0%	10	10	\$26,787	Moderate-term on-the-job training
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	100	100	0	-3%	10	10	\$21,535	Short-term on-the-job training
43-9061	Office Clerks, General	5,380	5,430	50	1%	240	290	\$22,069	Short-term on-the-job training
43-9071	Office Machine Operators, Except Computer	60	60	0	-3%	0	0	\$20,676	Short-term on-the-job training
43-9081	Proofreaders and Copy Markers	50	40	0	-7%	0	0	\$23,043	Short-term on-the-job training
43-9111	Statistical Assistants	50	40	0	-4%	0	0	\$36,605	Moderate-term on-the-job training
43-9999	Secretaries, Administrative Assistants, and Other Office Support Workers,	270	270	0	-1%	10	10	NA NA	
45-0000	Farming, Fishing, and Forestry Occupations	760	760	0	0%	40	50	\$21,931	NA
45-1000	Supervisors, Farming, Fishing, and Forestry Workers	40	40	0	5%	0	0	NA NA	
45-1011	First-Line Supervisors/Managers of Farming, Fishing, and Forestry Worke	40	40	0	5%	0	0	\$34,900	Work experience in a related occupation
45-2000	Agricultural Workers	600	600	0	0%	40	40	NA NA	
45-2011	Agricultural Inspectors	20	20	0	0%	0	0	\$35,426	Work experience in a related occupation
45-2041	Graders and Sorters, Agricultural Products	30	30	0	-4%	0	0	NA	Work experience in a related occupation
45-2091	Agricultural Equipment Operators	50	50	0	4%	0	10	NA	Moderate-term on-the-job training
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	460	460	0	-1%	30	30	\$19,695	Long-term on-the-job training
45-2093	Farmworkers, Farm and Ranch Animals	40	50	0	5%	0	10	\$17,499	Moderate-term on-the-job training
45-4000	Forest, Conservation, and Logging Workers	60	60	0	-2%	0	0	NA NA	
45-4021	Fallers	20	20	0	-5%	0	0	\$25,018	Moderate-term on-the-job training
45-4022	Logging Equipment Operators	20	20	0	0%	0	0	NA	Moderate-term on-the-job training
45-9000	Other Farming, Fishing, and Forestry Workers	70	70	0	0%	0	0	NA NA	
45-9099	Farming, Fishing, and Forestry Workers, All Other (OES Only)	70	70	0	0%	0	0	NA NA	
47-0000	Construction and Extraction Occupations	14,580	14,820	240	2%	520	770	\$39,370	NA
47-1000	Supervisors, Construction and Extraction Workers	1,200	1,220	20	2%	40	60	NA NA	
47-1011	First-Line Supervisors/Managers of Construction Trades and Extraction W	1,200	1,220	20	2%	40	60	\$52,387	Work experience in a related occupation
47-2000	Construction Trades Workers	11,750	11,920	170	1%	400	580	NA NA	
47-2011	Boilermakers	60	60	0	0%	10	10	NA	Long-term on-the-job training
47-2021	Brickmasons and Blockmasons	280	280	0	0%	10	10	\$46,784	Long-term on-the-job training
47-2022	Stonemasons	60	60	0	2%	0	0	NA	Long-term on-the-job training
47-2031	Carpenters	3,660	3,690	30	1%	110	140	\$35,826	Long-term on-the-job training
47-2041	Carpet Installers	370	380	10	2%	10	20	NA	Moderate-term on-the-job training
47-2042	Floor Layers, Except Carpet, Wood, and Hard Tiles	110	120	0	3%	0	10	\$29,967	Moderate-term on-the-job training
47-2043	Floor Sanders and Finishers	40	40	0	-2%	0	0	NA	Moderate-term on-the-job training
47-2044	Tile and Marble Setters	40	40	0	3%	0	0	\$52,486	Long-term on-the-job training
47-2051	Cement Masons and Concrete Finishers	540	560	30	5%	20	50	\$36,113	Long-term on-the-job training
47-2061	Construction Laborers	820	830	10	1%	20	30	\$33,873	Moderate-term on-the-job training
47-2071	Paving, Surfacing, and Tamping Equipment Operators	30	30	0	3%	0	0	NA	Moderate-term on-the-job training
47-2073	Operating Engineers and Other Construction Equipment Operators	510	510	0	0%	30	30	\$48,035	Moderate-term on-the-job training
47-2081	Drywall and Ceiling Tile Installers	160	170	0	2%	10	10	NA	Moderate-term on-the-job training
47-2082	Tapers	100	100	0	2%	0	10	NA	Moderate-term on-the-job training
47-2111	Electricians	1,470	1,510	40	3%	60	100	\$42,402	Long-term on-the-job training

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47-2121	Glaziers	140	140	0	3%	10	10	NA	Long-term on-the-job training
47-2130	Insulation Workers	70	70	0	0%	0	0	NA	NA
47-2141	Painters, Construction and Maintenance	590	590	0	1%	20	20	\$30,618	Moderate-term on-the-job training
47-2142	Paperhangers	270	260	-10	-3%	10	10	NA	Moderate-term on-the-job training
47-2151	Pipelayers	40	40	0	3%	0	0	NA	Moderate-term on-the-job training
47-2152	Plumbers, Pipefitters, and Steamfitters	1,080	1,100	20	2%	50	60	\$54,475	Long-term on-the-job training
47-2161	Plasterers and Stucco Masons	70	70	0	0%	0	0	NA	Long-term on-the-job training
47-2181	Roofers	360	370	10	2%	20	20	\$32,076	Moderate-term on-the-job training
47-2211	Sheet Metal Workers	560	570	10	2%	30	40	\$41,589	Moderate-term on-the-job training
47-2221	Structural Iron and Steel Workers	340	340	0	0%	10	10	NA	Long-term on-the-job training
47-3000	Helpers, Construction Trades	600	610	10	1%	50	60	NA	NA
47-3011	Helpers--Brickmasons, Blockmasons, Stonemasons, and Tile and Marble	80	80	0	0%	10	10	\$34,217	Short-term on-the-job training
47-3012	Helpers--Carpenters	190	200	0	2%	20	20	\$20,514	Short-term on-the-job training
47-3013	Helpers--Electricians	110	110	0	1%	10	10	NA	Short-term on-the-job training
47-3014	Helpers--Painters, Paperhangers, Plasterers, and Stucco Masons	30	30	0	0%	0	0	NA	Short-term on-the-job training
47-3015	Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters	120	120	0	1%	10	10	NA	Short-term on-the-job training
47-3019	Helpers, Construction Trades, All Other	80	80	0	1%	10	10	\$26,725	Short-term on-the-job training
47-4000	Other Construction and Related Workers	620	630	10	2%	20	40	NA	NA
47-4011	Construction and Building Inspectors	210	210	10	4%	10	20	\$35,918	Work experience in a related occupation
47-4021	Elevator Installers and Repairers	50	50	0	0%	0	0	NA	Long-term on-the-job training
47-4031	Fence Erectors	100	100	0	4%	0	10	NA	Moderate-term on-the-job training
47-4041	Hazardous Materials Removal Workers	20	20	0	5%	0	0	NA	Moderate-term on-the-job training
47-4051	Highway Maintenance Workers	200	200	0	0%	10	10	\$25,437	Moderate-term on-the-job training
47-4071	Septic Tank Servicers and Sewer Pipe Cleaners	50	50	0	0%	0	0	\$29,225	Moderate-term on-the-job training
47-4900	All Other Construction Trades and Related Workers	350	380	30	8%	10	40	NA	NA
47-4999	Construction Trades and Related Workers, All Other (OES Only)	350	380	30	8%	10	40	NA	NA
47-5000	Extraction Workers	60	60	0	0%	0	0	NA	NA
47-5021	Earth Drillers, Except Oil and Gas	30	30	0	3%	0	0	\$40,574	Moderate-term on-the-job training
47-5081	Helpers--Extraction Workers	20	20	0	0%	0	0	\$21,049	Short-term on-the-job training
49-0000	Installation, Maintenance, and Repair Occupations	13,260	13,510	250	2%	590	880	\$34,705	NA
49-1000	Supervisors of Installation, Maintenance, and Repair Workers	1,370	1,390	30	2%	60	90	NA	NA
49-1011	First-Line Supervisors/Managers of Mechanics, Installers, and Repairers	1,370	1,390	30	2%	60	90	\$47,458	Work experience in a related occupation
49-2000	Electrical and Electronic Equipment Mechanics, Installers, and Repairers	1,170	1,170	0	0%	40	50	NA	NA
49-2011	Computer, Automated Teller, and Office Machine Repairers	300	290	-10	-2%	10	10	\$34,010	Postsecondary vocational training
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Inst	370	380	0	1%	10	20	\$44,784	Postsecondary vocational training
49-2092	Electric Motor, Power Tool, and Related Repairers	100	100	0	-1%	0	0	\$36,362	Postsecondary vocational training
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipmen	220	230	10	4%	10	20	\$38,795	Postsecondary vocational training
49-2097	Electronic Home Entertainment Equipment Installers and Repairers	130	120	0	-1%	10	10	\$30,960	Postsecondary vocational training
49-3000	Vehicle and Mobile Equipment Mechanics, Installers	4,310	4,440	120	3%	230	360	NA	NA
49-3011	Aircraft Mechanics and Service Technicians	110	110	10	7%	10	10	\$37,209	Postsecondary vocational training
49-3021	Automotive Body and Related Repairers	700	720	10	2%	30	40	\$33,154	Long-term on-the-job training
49-3023	Automotive Service Technicians and Mechanics	1,790	1,820	30	2%	90	120	\$29,590	Postsecondary vocational training
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	950	1,000	50	6%	50	100	\$35,677	Postsecondary vocational training
49-3041	Farm Equipment Mechanics	40	40	0	2%	0	0	\$30,471	Postsecondary vocational training
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	120	120	0	3%	10	10	\$36,449	Postsecondary vocational training
49-3051	Motorboat Mechanics	40	40	0	7%	0	10	\$32,757	Long-term on-the-job training
49-3052	Motorcycle Mechanics	40	40	0	6%	0	0	\$29,457	Long-term on-the-job training
49-3053	Outdoor Power Equipment and Other Small Engine Mechanics	50	50	0	-4%	0	0	\$22,510	Moderate-term on-the-job training
49-3092	Recreational Vehicle Service Technicians	280	290	10	4%	30	40	\$33,628	Long-term on-the-job training
49-3093	Tire Repairers and Changers	160	160	0	-1%	20	20	\$20,572	Short-term on-the-job training
49-3099	Vehicle and Mobile Equipment Mechanics, Installers, and Repairers, All O	20	20	0	5%	0	0	NA	NA
49-9000	Other Installation, Maintenance, and Repair Occupations	6,410	6,520	100	2%	260	390	NA	NA
49-9011	Mechanical Door Repairers	20	20	0	0%	0	0	\$22,755	Moderate-term on-the-job training

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49-9012	Control and Valve Installers and Repairers, Except Mechanical Door	20	20	0	-5%	0	0	NA	Moderate-term on-the-job training
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	400	410	10	4%	10	20	\$36,330	Long-term on-the-job training
49-9031	Home Appliance Repairers	90	90	0	-2%	0	0	\$33,816	Long-term on-the-job training
49-9041	Industrial Machinery Mechanics	550	560	10	1%	20	30	\$37,550	Long-term on-the-job training
49-9042	Maintenance and Repair Workers, General	3,650	3,720	70	2%	130	200	\$32,039	Long-term on-the-job training
49-9043	Maintenance Workers, Machinery	240	240	0	1%	10	10	\$34,821	Long-term on-the-job training
49-9044	Millwrights	250	240	-10	-3%	10	10	\$52,194	Long-term on-the-job training
49-9051	Electrical Power-Line Installers and Repairers	110	100	-10	-8%	10	10	NA	Long-term on-the-job training
49-9052	Telecommunications Line Installers and Repairers	90	90	0	-1%	10	10	\$35,025	Long-term on-the-job training
49-9062	Medical Equipment Repairers	60	60	0	4%	0	10	\$33,689	Moderate-term on-the-job training
49-9069	Precision Instrument and Equipment Repairers, All Other	90	100	10	5%	10	10	\$46,788	Long-term on-the-job training
49-9091	Coin, Vending, and Amusement Machine Servicers and Repairers	90	90	0	-1%	0	0	\$32,034	Moderate-term on-the-job training
49-9094	Locksmiths and Safe Repairers	40	40	0	0%	0	0	NA	Moderate-term on-the-job training
49-9095	Manufactured Building and Mobile Home Installers	70	70	0	0%	0	0	NA	Moderate-term on-the-job training
49-9098	Helpers--Installation, Maintenance, and Repair Workers	450	470	20	3%	30	50	\$23,589	Short-term on-the-job training
49-9099	Installation, Maintenance, and Repair Workers, All Other	150	160	0	3%	10	10	\$29,840	Long-term on-the-job training
51-0000	Production Occupations	74,130	73,650	-480	-1%	3,550	3,940	\$30,274	NA
<i>51-1000</i>	<i>Supervisors, Production Workers</i>	<i>4,960</i>	<i>5,010</i>	<i>50</i>	<i>1%</i>	<i>190</i>	<i>240</i>	<i>NA</i>	<i>NA</i>
51-1011	First-Line Supervisors/Managers of Production and Operating Workers	4,960	5,010	50	1%	190	240	\$46,447	Work experience in a related occupation
<i>51-2000</i>	<i>Assemblers and Fabricators</i>	<i>25,780</i>	<i>25,430</i>	<i>-360</i>	<i>-1%</i>	<i>1,310</i>	<i>1,350</i>	<i>NA</i>	<i>NA</i>
51-2021	Coil Winders, Tapers, and Finishers	210	180	-30	-16%	10	10	\$30,676	Short-term on-the-job training
51-2022	Electrical and Electronic Equipment Assemblers	640	590	-50	-8%	30	30	\$21,682	Short-term on-the-job training
51-2023	Electromechanical Equipment Assemblers	360	350	-10	-4%	20	20	NA	Short-term on-the-job training
51-2031	Engine and Other Machine Assemblers	100	110	0	4%	10	10	\$36,080	Short-term on-the-job training
51-2041	Structural Metal Fabricators and Fitters	790	780	0	0%	40	40	\$36,891	Moderate-term on-the-job training
51-2091	Fiberglass Laminators and Fabricators	1,390	1,430	40	3%	70	110	\$26,468	Moderate-term on-the-job training
51-2092	Team Assemblers	16,280	16,040	-230	-1%	830	830	\$29,072	Moderate-term on-the-job training
51-2093	Timing Device Assemblers, Adjusters, and Calibrators	20	20	0	-4%	0	0	NA	Moderate-term on-the-job training
51-2099	Assemblers and Fabricators, All Other	5,990	5,930	-70	-1%	310	310	\$32,883	Moderate-term on-the-job training
<i>51-3000</i>	<i>Food Processing Workers</i>	<i>1,110</i>	<i>1,120</i>	<i>10</i>	<i>1%</i>	<i>50</i>	<i>70</i>	<i>NA</i>	<i>NA</i>
51-3011	Bakers	280	290	10	2%	10	20	\$19,107	Long-term on-the-job training
51-3021	Butchers and Meat Cutters	170	160	-10	-5%	10	10	\$25,312	Long-term on-the-job training
51-3022	Meat, Poultry, and Fish Cutters and Trimmers	110	120	0	2%	10	10	NA	Short-term on-the-job training
51-3023	Slaughterers and Meat Packers	250	250	10	2%	10	20	NA	Moderate-term on-the-job training
51-3092	Food Batchmakers	160	160	0	0%	10	10	\$22,690	Short-term on-the-job training
51-3093	Food Cooking Machine Operators and Tenders	90	100	0	4%	0	10	\$22,442	Short-term on-the-job training
51-3099	Food Processing Workers, All Other (OES Only)	30	40	0	9%	0	0	NA	NA
<i>51-4000</i>	<i>Metal Workers and Plastic Workers</i>	<i>20,440</i>	<i>20,400</i>	<i>-50</i>	<i>0%</i>	<i>950</i>	<i>1,050</i>	<i>NA</i>	<i>NA</i>
51-4011	Computer-Controlled Machine Tool Operators, Metal and Plastic	1,380	1,400	10	1%	40	50	\$33,587	Long-term on-the-job training
51-4012	Numerical Tool and Process Control Programmers	120	130	10	4%	0	10	NA	Long-term on-the-job training
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	1,650	1,660	10	0%	110	120	\$28,106	Moderate-term on-the-job training
51-4022	Forging Machine Setters, Operators, and Tenders, Metal and Plastic	410	400	-10	-2%	10	10	\$29,353	Moderate-term on-the-job training
51-4023	Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	540	540	-10	-1%	20	20	\$30,221	Moderate-term on-the-job training
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	3,490	3,480	0	0%	150	150	\$30,268	Moderate-term on-the-job training
51-4032	Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic	720	730	10	1%	40	40	NA	Moderate-term on-the-job training
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic	1,220	1,200	-20	-2%	40	40	\$32,313	Moderate-term on-the-job training
51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	550	550	0	0%	20	20	\$30,724	Moderate-term on-the-job training
51-4035	Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic	240	240	0	-2%	10	10	\$36,020	Moderate-term on-the-job training
51-4041	Machinists	2,060	2,050	-10	0%	90	90	\$31,585	Long-term on-the-job training
51-4051	Metal-Refining Furnace Operators and Tenders	90	90	0	-4%	0	0	\$28,411	Moderate-term on-the-job training
51-4052	Pourers and Casters, Metal	120	110	-10	-5%	10	10	\$31,571	Moderate-term on-the-job training
51-4061	Model Makers, Metal and Plastic	70	80	0	3%	10	10	NA	Moderate-term on-the-job training
51-4062	Patternmakers, Metal and Plastic	60	60	0	-2%	0	0	\$38,418	Moderate-term on-the-job training
51-4071	Foundry Mold and Coremakers	420	400	-20	-5%	20	20	\$31,120	Moderate-term on-the-job training
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	1,860	1,860	0	0%	90	90	\$25,308	Moderate-term on-the-job training
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	690	680	-10	-1%	40	40	\$30,387	Moderate-term on-the-job training
51-4111	Tool and Die Makers	820	790	-30	-4%	30	30	\$41,925	Long-term on-the-job training

Code	Occupational Title	2005 Employment	2007 Projection	Two Year Change	Percent Change	Replacements ¹	Total Openings	2004 Annual Wage ²	Education Requirement ³
51-4121	Welders, Cutters, Solderers, and Brazers	2,600	2,650	50	2%	140	200	\$31,968	Postsecondary vocational training
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	170	170	0	1%	10	10	\$38,556	Moderate-term on-the-job training
51-4191	Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic	190	180	-10	-3%	20	20	\$27,201	Moderate-term on-the-job training
51-4192	Lay-Out Workers, Metal and Plastic	40	40	0	0%	0	0	NA	Moderate-term on-the-job training
51-4193	Plating and Coating Machine Setters, Operators, and Tenders, Metal and Plastic	240	230	-10	-3%	10	10	\$25,967	Moderate-term on-the-job training
51-4194	Tool Grinders, Filers, and Sharpeners	190	190	-10	-3%	10	10	\$30,745	Moderate-term on-the-job training
51-4199	Metal Workers and Plastic Workers, All Other	500	500	10	2%	20	30	NA	Moderate-term on-the-job training
51-5000	Printing Workers	1,460	1,400	-60	-4%	70	70	NA	NA
51-5011	Bindery Workers	270	250	-20	-7%	10	10	NA	Moderate-term on-the-job training
51-5012	Bookbinders	60	50	0	-5%	0	0	NA	Moderate-term on-the-job training
51-5021	Job Printers	150	150	-10	-3%	10	10	NA	Long-term on-the-job training
51-5022	Prepress Technicians and Workers	280	260	-20	-6%	10	10	\$35,309	Long-term on-the-job training
51-5023	Printing Machine Operators	700	690	-20	-3%	30	30	\$28,789	Moderate-term on-the-job training
51-6000	Textile, Apparel, and Furnishings Workers	2,830	2,770	-60	-2%	110	120	NA	NA
51-6011	Laundry and Dry-Cleaning Workers	470	460	-10	-2%	30	30	\$17,869	Moderate-term on-the-job training
51-6021	Pressers, Textile, Garment, and Related Materials	190	180	-10	-6%	10	10	\$16,831	Short-term on-the-job training
51-6031	Sewing Machine Operators	1,010	1,010	0	0%	20	20	\$23,009	Moderate-term on-the-job training
51-6051	Sewers, Hand	20	20	0	0%	0	0	NA	Short-term on-the-job training
51-6052	Tailors, Dressmakers, and Custom Sewers	60	60	0	0%	0	0	\$21,457	Work experience in a related occupation
51-6062	Textile Cutting Machine Setters, Operators, and Tenders	140	140	0	-3%	10	10	\$23,213	Moderate-term on-the-job training
51-6091	Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic Rubber, Plastic, and Glass	100	110	10	5%	0	10	NA	Moderate-term on-the-job training
51-6092	Fabric and Apparel Patternmakers	20	20	0	-8%	0	0	NA	Long-term on-the-job training
51-6093	Upholsterers	700	660	-40	-6%	40	40	\$25,286	Long-term on-the-job training
51-6099	Textile, Apparel, and Furnishings Workers, All Other	110	110	0	4%	10	10	\$31,488	Moderate-term on-the-job training
51-7000	Woodworkers	3,040	2,940	-100	-3%	160	160	NA	NA
51-7011	Cabinetmakers and Bench Carpenters	950	940	-20	-2%	50	50	\$29,793	Long-term on-the-job training
51-7021	Furniture Finishers	300	280	-20	-6%	10	10	\$25,528	Long-term on-the-job training
51-7031	Model Makers, Wood	30	30	0	-3%	0	0	\$41,258	Long-term on-the-job training
51-7032	Patternmakers, Wood	30	30	0	3%	0	0	NA	Long-term on-the-job training
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	600	590	-10	-2%	40	40	\$21,739	Moderate-term on-the-job training
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	1,040	1,000	-50	-4%	50	50	\$25,532	Moderate-term on-the-job training
51-7099	Woodworkers, All Other	80	80	0	-3%	10	10	\$25,345	Moderate-term on-the-job training
51-8000	Plant and System Operators	370	370	0	0%	20	30	NA	NA
51-8013	Power Plant Operators	30	30	0	3%	0	0	NA	Long-term on-the-job training
51-8021	Stationary Engineers and Boiler Operators	70	70	0	0%	0	0	\$34,085	Long-term on-the-job training
51-8031	Water and Liquid Waste Treatment Plant and System Operators	160	160	0	-1%	10	10	\$35,541	Long-term on-the-job training
51-8091	Chemical Plant and System Operators	50	40	0	-6%	0	0	NA	Long-term on-the-job training
51-8099	Plant and System Operators, All Other	50	50	0	6%	0	10	NA	Long-term on-the-job training
51-9000	Other Production Occupations	14,130	14,210	80	1%	700	860	NA	NA
51-9011	Chemical Equipment Operators and Tenders	60	60	0	-4%	0	0	NA	Moderate-term on-the-job training
51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders	190	200	0	2%	10	10	NA	Moderate-term on-the-job training
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	130	120	0	-3%	10	10	\$27,392	Moderate-term on-the-job training
51-9022	Grinding and Polishing Workers, Hand	650	660	10	2%	30	40	\$26,191	Moderate-term on-the-job training
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	420	410	-10	-2%	20	20	\$30,237	Moderate-term on-the-job training
51-9031	Cutters and Trimmers, Hand	300	310	10	3%	10	20	\$24,408	Short-term on-the-job training
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	250	240	-10	-3%	10	10	\$24,956	Moderate-term on-the-job training
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	240	240	-10	-4%	10	10	\$29,103	Moderate-term on-the-job training
51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	120	120	-10	-6%	10	10	NA	Moderate-term on-the-job training
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	2,550	2,560	10	1%	110	120	\$29,155	Moderate-term on-the-job training
51-9071	Jewelers and Precious Stone and Metal Workers	20	20	0	0%	0	0	\$41,237	Postsecondary vocational training
51-9081	Dental Laboratory Technicians	410	420	10	3%	20	30	NA	Long-term on-the-job training
51-9082	Medical Appliance Technicians	40	40	0	5%	0	0	\$35,142	Long-term on-the-job training
51-9083	Ophthalmic Laboratory Technicians	40	40	0	2%	0	0	NA	Moderate-term on-the-job training
51-9111	Packaging and Filling Machine Operators and Tenders	1,140	1,180	40	4%	40	80	\$25,202	Short-term on-the-job training
51-9121	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	1,170	1,180	10	1%	60	70	\$26,610	Moderate-term on-the-job training
51-9122	Painters, Transportation Equipment	860	890	30	4%	50	80	\$29,177	Moderate-term on-the-job training
51-9123	Painting, Coating, and Decorating Workers	140	130	0	-1%	10	10	\$24,630	Short-term on-the-job training

Code	Occupational Title	2005 Employment	2007 Projection	Two Year Change	Percent Change	Replacements ¹	Total Openings	2004 Annual Wage ²	Education Requirement ³
51-9132	Photographic Processing Machine Operators	70	70	0	5%	0	10	\$21,084	Short-term on-the-job training
51-9191	Cementing and Gluing Machine Operators and Tenders	330	320	0	-1%	20	20	\$33,570	Moderate-term on-the-job training
51-9192	Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	120	120	0	0%	10	10	\$25,863	Moderate-term on-the-job training
51-9193	Cooling and Freezing Equipment Operators and Tenders	60	60	0	0%	0	0	NA	Moderate-term on-the-job training
51-9194	Etchers and Engravers	80	80	0	-2%	10	10	NA	Long-term on-the-job training
51-9195	Molders, Shapers, and Casters, Except Metal and Plastic	250	240	0	-2%	10	10	NA	Moderate-term on-the-job training
51-9196	Paper Goods Machine Setters, Operators, and Tenders	320	300	-20	-7%	10	10	\$26,660	Moderate-term on-the-job training
51-9198	Helpers--Production Workers	2,860	2,840	-10	0%	170	170	\$21,759	Short-term on-the-job training
51-9199	Production Workers, All Other	1,330	1,360	30	2%	60	90	\$30,694	Moderate-term on-the-job training
53-0000	Transportation and Material Moving Occupations	26,400	26,620	220	1%	1,190	1,490	\$27,134	NA
53-1000	Supervisors, Transportation and Material Moving Workers	1,200	1,220	20	1%	50	70	NA	NA
53-1021	First-Line Supervisors/Managers of Helpers, Laborers, and Material Move	490	500	10	2%	20	30	\$41,748	Work experience in a related occupation
53-1031	First-Line Supervisors/Managers of Transportation and Material-Moving M	710	720	10	1%	30	40	\$47,792	Work experience in a related occupation
53-2000	Air Transportation Workers	90	100	10	7%	10	10	NA	NA
53-2011	Airline Pilots, Copilots, and Flight Engineers	20	20	0	-6%	0	0	NA	Bachelor's degree
53-2012	Commercial Pilots	40	40	0	6%	0	0	\$55,892	Postsecondary vocational training
53-2021	Air Traffic Controllers	20	20	0	11%	0	0	NA	Long-term on-the-job training
53-2099	Air Transportation Workers, All Other (OES Only)	10	20	0	14%	0	0	NA	NA
53-3000	Motor Vehicle Operators	10,800	11,020	220	2%	300	540	NA	NA
53-3011	Ambulance Drivers and Attendants, Except Emergency Medical Technicia	20	20	0	5%	0	0	NA	Moderate-term on-the-job training
53-3021	Bus Drivers, Transit and Intercity	270	270	0	0%	10	10	NA	Moderate-term on-the-job training
53-3022	Bus Drivers, School	1,270	1,310	40	3%	50	90	\$27,651	Short-term on-the-job training
53-3031	Driver/Sales Workers	1,440	1,420	-20	-1%	40	40	\$21,884	Short-term on-the-job training
53-3032	Truck Drivers, Heavy and Tractor-Trailer	5,010	5,160	140	3%	150	290	\$31,993	Moderate-term on-the-job training
53-3033	Truck Drivers, Light or Delivery Services	2,450	2,500	50	2%	40	90	\$25,584	Short-term on-the-job training
53-3041	Taxi Drivers and Chauffeurs	150	160	10	5%	0	10	\$17,101	Short-term on-the-job training
53-3099	Motor Vehicle Operators, All Other	180	180	0	0%	10	10	\$15,908	Short-term on-the-job training
53-4000	Rail Transportation Workers	20	20	0	0%	0	0	NA	NA
53-6000	Other Transportation Workers	250	250	0	-2%	20	20	NA	NA
53-6021	Parking Lot Attendants	60	50	-10	-8%	0	0	NA	Short-term on-the-job training
53-6031	Service Station Attendants	110	110	0	0%	10	10	\$18,188	Short-term on-the-job training
53-6051	Transportation Inspectors	50	50	0	2%	0	0	\$39,514	Work experience in a related occupation
53-6099	Transportation Workers, All Other	20	20	0	0%	0	0	NA	Short-term on-the-job training
53-7000	Material Moving Workers	14,050	14,030	-20	0%	810	850	NA	NA
53-7011	Conveyor Operators and Tenders	30	30	0	3%	0	0	\$25,283	Short-term on-the-job training
53-7021	Crane and Tower Operators	160	170	0	2%	10	10	\$32,273	Moderate-term on-the-job training
53-7032	Excavating and Loading Machine and Dragline Operators	40	40	0	3%	0	0	\$40,187	Moderate-term on-the-job training
53-7051	Industrial Truck and Tractor Operators	2,040	2,050	10	0%	70	80	\$27,519	Short-term on-the-job training
53-7061	Cleaners of Vehicles and Equipment	600	600	0	0%	50	50	\$21,666	Short-term on-the-job training
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	6,240	6,200	-30	-1%	470	470	\$24,672	Short-term on-the-job training
53-7063	Machine Feeders and Offbearers	880	860	-20	-2%	50	50	\$23,698	Short-term on-the-job training
53-7064	Packers and Packagers, Hand	3,670	3,680	20	0%	140	150	\$21,131	Short-term on-the-job training
53-7071	Gas Compressor and Gas Pumping Station Operators	20	10	0	-19%	0	0	NA	Moderate-term on-the-job training
53-7072	Pump Operators, Except Wellhead Pumpers	20	20	0	0%	0	0	NA	Moderate-term on-the-job training
53-7081	Refuse and Recyclable Material Collectors	260	270	10	3%	10	20	\$29,051	Short-term on-the-job training
53-7121	Tank Car, Truck, and Ship Loaders	80	70	-10	-7%	#REF!	#REF!	NA	Moderate-term on-the-job training
53-7199	Material Moving Workers, All Other	20	20	0	0%	#REF!	#REF!	NA	Short-term on-the-job training

1) Replacements are "Net replacement" openings. Net replacement openings estimate the difference between the movement of experienced workers who change jobs to enter other occupations, retire, or leave the workforce for other reasons and the movement of experienced workers filling the openings. The openings that remain unfilled by experienced workers are net replacement openings, available to new workforce entrants. In most occupations, net replacement openings significantly understate the total number of job openings because net replacement openings measure the difference between the number of workers in the workforce who leave an occupation and the number who enter the occupation.

Code	Occupational Title	2005 Employment	2007 Projection	Two Year Change	Percent Change	Replacements ¹	Total Openings	2004 Annual Wage ²	Education Requirement ³
2)	2004 Annual Wage is the regional average wage for the occupation from the Occupational Employment Statistics program, conducted by the Indiana Department of Workforce Development for the national Bureau of Labor Statistics.								
3)	Occupations are classified into 1 of 11 categories by the Bureau of Labor Statistics based on analyses of the occupation's usual education and training requirements. The 11 classifications are as follows:								
	First professional degree. Completion of the academic program usually requires at least 6 years of full-time equivalent academic study, including college study prior to entering the professional degree program.								
	Doctoral degree. Completion of the degree program usually requires at least 3 years of full-time equivalent academic work beyond the bachelor's degree.								
	Master's degree. Completion of the degree program usually requires 1 or 2 years of full-time equivalent study beyond the bachelor's degree.								
	Work experience, plus a bachelor's or higher degree. Most occupations in this category are managerial occupations that require experience in a related nonmanagerial position.								
	Bachelor's degree. Completion of the degree program generally requires at least 4 years but not more than 5 years of full-time equivalent academic work.								
	Associate degree. Completion of the degree program usually requires at least 2 years of full-time equivalent academic study.								
	Postsecondary vocational training. Some programs last only a few weeks while others may last more than a year. In some occupations, a license is needed that requires passing an examination after completion of the training.								
	Work experience in a related occupation. Some occupations requiring work experience are supervisory or managerial occupations.								
	Long-term on-the-job training. This category includes occupations that generally require more than 12 months of on-the-job training or combined work experience and formal classroom instruction for workers to develop the skills needed for average job performance. This category includes formal and informal apprenticeships that may last up to 4 years and short-term intensive employer-sponsored training that workers must successfully complete. Individuals undergoing training are generally considered to be employed in the occupation. This category includes occupations in which workers may gain experience in non-work activities, such as professional athletes who gain experience through participation in athletic programs in academic institutions.								
	Moderate-term on-the-job training. This category includes occupations in which workers can develop the skills needed for average job performance after 1 to 12 months of combined on-the-job experience and informal training.								
	Short-term on-the-job training. This category covers occupations in which workers can develop the skills needed for average job performance after a short demonstration or up to one month of on-the-job experience or instruction.								